

CLAIMS

1. Watercraft, particularly river boat,
having a hull (12) for receiving useful devices (14),
in which on an underside (22) of the hull (12) guiding
elements (24) are provided in the bow area (18) and in
each case have a vertical, forwardly tapering wedge shape
and
in which between the guiding elements (24) is provided a
partial area (28) of the hull (12) which is constructed in
the form of a horizontal wedge (30) and
with propulsion unit (16) located on the hull (12) for
generating a driving force,
characterized in that
the propulsion units (16) are positioned in the bow area
(18) set back with respect to the guiding elements (24)
and
the propulsion units (16) are pivotably mounted.
2. Watercraft according to claim 1,
characterized in that
the guiding elements (24) are provided port and starboard.
3. Watercraft according to one of the claims 1 or 2,
characterized in that
the propulsion units (16) are pivotable about a vertical
axis (40).
4. Watercraft according to one of the claims 1 to 3,
characterized in that
the propulsion units (16) are constructed as drive propel-
lers (38).

5. Watercraft according to one of the claims 1 to 4,
characterized in that
the partial area (28) essentially has the bow shape of a
sea sledge.
6. Watercraft according to one of the claims 1 to 5,
characterized in that
at least one of the guiding elements (24) tapers rearwards
in the form of a vertical, stern-side wedge (36).
7. Watercraft according to claim 6,
characterized in that
the stern-side wedge shape (36) of at least one guiding
element (24) is more obtuse than the bow-side wedge shape
(26).
8. Watercraft according to one of the claims 1 to 7,
characterized in that
the guiding elements (24) have recesses (42) in which are
located propulsion units (16).
9. Watercraft according to one of the claims 1 to 8,
characterized in that
additional propulsion units (16) are provided in the stern
area of the hull (12).
10. Watercraft according to one of the claims 1 to 9,
characterized in that,
particularly port and starboard, in the stern area of the
hull (12) are provided guiding elements with a vertical
wedge shape, which taper rearwards.

11. Watercraft according to one of the claims 1 to 10,
characterized in that
covering devices are provided for the at least partial
covering of recesses (42).
12. Watercraft according to one of the claims 1 to 11,
characterized in that
the hull (12), particularly the bow-side guiding elements
(24), are constructed for ice breaking purposes.
13. Watercraft according to one of the claims 1 to 12,
characterized in that
a device for smearing with air bubbles is provided, par-
ticularly as described in DE 103 07 795.
14. Watercraft according to one of the claims 1 to 13,
characterized in that
a setting angle of the propulsion units (16) is adaptable
to a speed of travel.
15. Watercraft according to one of the claims 1 to 14,
characterized in that
on the guiding elements (24) are provided water supply
slots (38) for the propulsion units (16), the water supply
slots (38) being provided lengthwise to the direction of
travel.